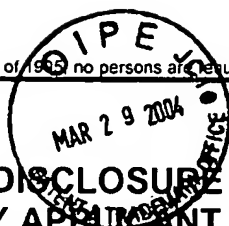


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PTO/SB/08a (05-03)

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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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Sheet

1

of

12

## **Complete if Known**

Application Number	10/717,226
Filing Date	11/19/2003
First Named Inventor	KIM et al
Art Unit	1614
Examiner Name	
Attorney Docket Number	39894-00601

## **U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
LR	1	US- Re 33,093	10/17/1989	Schiraldi et al.	
	2	US- Re 34,196	03/16/1993	Munro	
	3	US- 4,517,173	05/14/1985	Kizawa et al	
	4	US- 4,696,757	09/29/1987	Blank et al	
	5	US- 4,713,243	12/15/1987	Schiraldi et al	
	6	US- 4,728,291	03/01/1988	Golub	
	7	US- 4,741,700	05/03/1988	Barabe	
	8	US- 4,741,941	05/03/1988	Englebert et al	
	9	US- 4,786,253	11/22/1988	Morais	
	10	US- 4,799,888	01/24/1989	Golub	
	11	US- 4,812,308	03/14/1989	Winston et al	
	12	US- 4,839,156	06/13/1989	Ng et al	
	13	US- 4,839,157	06/13/1989	Mei-King Ng et al	
	14	US- 4,891,211	01/02/1990	Winston	
	15	US- 4,895,721	01/23/1990	Drucker	
	16	US- 4,900,552	02/13/1990	Sanvordeker et al	
	17	US- 4,900,554	02/13/1990	Yanagibashi et al	
LR	18	US- 4,919,615	04/24/1990	Croll	

## **FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
LR	1	GB 2108841	05/25/1983	Sandoz Ltd		
LR	2	JP 10017448	01/20/1998	Lion Corp.		
LR	3	WO 99/62472	12/09/1999	Wolf		
LR	4	WO 01168045	09/20/2001	LG Chemical Ltd.	Search Report	
LR	5	JP 2000-281548	10/10/2000	Takashi		

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Signature

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Date  
Considered

04/24/2006

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 12**Complete if Known**

Application Number	10/717,226
Filing Date	11/19/2003
First Named Inventor	KIM et al
Art Unit	1614
Examiner Name	
Attorney Docket Number	39894-00601

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		Number-Kind Code <sup>2</sup> (if known)			
LR	19	US- 4,933,182	06/12/1990	Higashi et al	
	20	US- 4,983,379	01/08/1991	Schaeffer	
	21	US- 4,983,380	01/08/1991	Yarborough	
	22	US- 5,000,940	03/19/1991	Staples et al	
	23	US- 5,008,106	04/16/1991	Merianos et al	
	24	US- 5,009,885	04/23/1991	Yarborough	
	25	US- 5,032,178	07/16/1991	Cornell	
	26	US- 5,041,280	08/20/1991	Smigel	
	27	US- 5,055,287	10/08/1991	Kessler	
	28	US- 5,059,417	10/22/1991	Williams et al	
	29	US- 5,084,268	01/28/1992	Thaler	
	30	US- 5,098,303	03/24/1992	Fischer	
	31	US- 5,110,583	05/05/1992	Sampathkumar	
	32	US- 5,122,365	06/16/1992	Murayama	
	33	US- 5,128,122	07/07/1992	Cerami et al	
	34	US- 5,130,124	07/14/1992	Merianos et al	
	35	US- 5,166,233	11/24/1992	Kuroya et al	
LR	36	US- 5,171,564	12/15/1992	Nathoo et al	

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
LR	6	WO 98/55044	03/09/1999	Procter & Gamble Co.		
LR	7	WO 2000/54699	09/21/2000	Procter & Gamble Co.		

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STATEMENT BY APPLICANT**

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Sheet 3 of 12

**Complete if Known**

Application Number	10/717,226
Filing Date	11/19/2003
First Named Inventor	KIM et al
Art Unit	
Examiner Name	
Attorney Docket Number	39894-00601

**U. S. PATENT DOCUMENTS**

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LR	37	US- 5,192,532	03/09/1993	Guay et al	
	38	US- 5,208,010	05/04/1993	Thaler	
	39	US- 5,217,710	06/08/1993	Williams et al	
	40	US- 5,234,342	08/10/1993	Fischer	
	41	US- 5,234,957	08/10/1993	Mantelle	
	42	US- 5,240,415	08/31/1993	Haynie	
	43	US- 5,256,402	10/26/1993	Prencipe et al	
	44	US- 5,279,816	01/18/1994	Church et al	
	45	US- 5,281,412	01/25/1994	Lukacovic et al	
	46	US- 5,290,566	03/01/1994	Schow et al	
	47	US- 5,292,502	03/08/1994	Burke et al	
	48	US- 5,302,375	04/12/1994	Viscio	
	49	US- 5,310,563	05/10/1994	Curtis et al	
	50	US- 5,326,685	07/05/1994	Gaglio et al	
	51	US- 5,332,576	07/26/1994	Mantelle	
	52	US- 5,340,314	08/23/1994	Tarvis	
	53	US- 5,340,581	08/23/1994	Tseng et al	
LR	54	US- 5,348,734	09/20/1994	Ratcliff	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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**INFORMATION DISCLOSURE  
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Sheet 4 of 12

**Complete if Known**

Application Number	10/717,226
Filing Date	11/19/2003
First Named Inventor	KIM et al
Art Unit	1614
Examiner Name	
Attorney Docket Number	39894-00601

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
LR	55	US- 5,366,285	11/22/1994	Borgen et al	
	56	US- 5,372,802	12/13/1994	Barrows et al	
	57	US- 5,376,006	12/27/1994	Fischer	
	58	US- 5,380,198	01/10/1995	Suhonen	
	59	US- 5,401,495	03/28/1995	Murayama	
	60	US- 5,409,631	04/25/1995	Fischer	
	61	US- 5,425,953	06/20/1995	Sinitov et al	
	62	US- 5,437,858	08/01/1995	Hungerbach et al	
	63	US- 5,438,076	08/01/1995	Friedman et al	
	64	US- 5,536,285	07/16/1996	Isaksson et al	
	65	US- 5,505,956	04/09/1996	Kim et al	
	66	US- 5,560,379	10/01/1996	Pieczenik	
	67	US- 5,565,190	10/15/1996	Santalucia et al	
	68	US- 5,575,654	11/19/1996	Fontenot	
	69	US- 5,611,687	03/18/1997	Wagner	
	70	US- 5,614,174	03/25/1997	Hsu et al	
	71	US- 5,620,322	04/15/1997	Lococo	
LR	72	US- 5,626,866	05/06/1997	Ebert et al	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				

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LR	73	US- 5,631,000	05/20/1997	Pellico et al	
	74	US- 5,631,055	05/20/1997	Vines et al	
	75	US- 5,639,445	06/17/1997	Curtis et al	
	76	US- 5,648,064	07/15/1997	Gaffar et al	
	77	US- 5,683,680	11/04/1997	Santalucia et al	
	78	US- 5,689,182	11/18/1997	Togo et al	
	79	US- 5,700,478	12/23/1997	Biegajski et al	
	80	US- 5,707,611	01/13/1998	Ikemura et al	
	81	US- 5,707,736	01/13/1998	Levy et al	
	82	US- 5,713,738	02/03/1998	Yarborough	
	83	US- 5,718,886	02/17/1998	Pellico	
	84	US- 5,723,132	03/03/1998	Tseng et al	
	85	US- 5,725,843	03/10/1998	Fischer	
	86	US- 5,746,598	05/05/1998	Fischer	
	87	US- 5,766,574	06/16/1998	Christina-Beck et al	
	88	US- 5,770,105	06/23/1998	Fischer	
	89	US- 5,770,182	06/23/1998	Fischer	
LR	90	US- 5,776,437	07/07/1998	Burgess et al	

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Sheet 6 of 12

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LR	91	US- 5,785,527	07/28/1998	Jensen et al	
	92	US- 5,785,957	07/28/1998	Losee et al	
	93	US- 5,814,303	09/29/1998	Williams et al	
	94	US- 5,814,304	09/29/1998	Wong et al	
	95	US- 5,820,822	10/13/1998	Kross	
	96	US- 5,820,852	10/13/1998	Burgess et al	
	97	US- 5,820,854	10/13/1998	Glandorf	
	98	US- 5,846,570	12/08/1998	Barrow et al	
	99	US- 5,849,269	12/15/1998	Burgess et al	
	100	US- 5,851,514	12/22/1998	Hassan et al	
	101	US- 5,855,875	01/05/1999	Williams et al	
	102	US- 5,858,332	01/12/1999	Jensen et al	
	103	US- 5,863,202	01/26/1999	Fontenot et al	
	104	US- 5,879,691	03/09/1999	Sagel et al	
	105	US- 5,885,553	03/23/1999	Michael	
	106	US- 5,885,554	03/23/1999	Michael et al	
	107	US- 5,890,249	11/09/1999	Fontenot	
LR	108	US- 5,891,453	04/06/1999	Sagel et al	

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Examiner Signature	/Lezah Roberts/	Date Considered	04/24/2006
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 7 of 12**Complete if Known**

Application Number	10/717,226
Filing Date	11/19/2003
First Named Inventor	KIM et al
Art Unit	1614
Examiner Name	
Attorney Docket Number	39894-00601

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
LR	109	US- 5,894,017	04/13/1999	Sagel et al	
	110	US- 5,902,568	05/11/1999	Ryles et al	
	111	US- 5,908,614	06/01/1999	Montgomery	
	112	US- 5,914,118	06/22/1999	Yamamura et al	
	113	US- 5,915,969	06/29/1999	Linden	
	114	US- 5,922,307	07/13/1999	Montgomery	
	115	US- 5,928,628	07/27/1999	Pellico	
	116	US- 5,932,193	08/03/1999	Lopez et al	
	117	US- 5,945,032	08/31/1999	Breitenbach et al	
	118	US- 5,980,249	11/09/1999	Fontenot	
	119	US- 5,985,249	11/16/1999	Fischer	
	120	US- 5,989,526	11/23/1999	Aaslyng et al	
	121	US- 5,989,569	11/23/1999	Dirksing et al	
	122	US- 6,007,795	12/28/1999	Masterman et al	
	123	US- 6,017,515	01/25/2000	van den Bosch	
	124	US- 6,022,528	02/03/2000	Waterfield et al	
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LR	126	US- 6,036,493	03/14/2000	Sharma	

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		Number-Kind Code <sup>2</sup> (if known)			
LR	127	US- 6,036,943	03/14/2000	Fischer	
	128	US- 6,045,811	04/04/2000	Dirsking et al	
	129	US- 6,072,100	06/06/2000	Mooney et al	
	130	US- 6,080,811	06/27/2000	Schellmann et al	
	131	US- 6,083,421	07/04/2000	Huang et al	
	132	US- 6,086,855	07/11/2000	Fischer	
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	135	US- 6,106,812	08/22/2000	Prencipe et al	
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	137	US- 6,121,213	09/19/2000	Vergara et al	
	138	US- 6,136,297	10/24/2000	Sagel et al	
	139	US- 6,149,895	11/21/2000	Kutsch	
	140	US- 6,155,832	12/05/2000	Wiesel	
	141	US- 6,174,516	01/16/2001	Curtis et al	
	142	US- 6,190,689	02/20/2001	Hoffmann et al	
	143	US- 6,197,331	03/06/2001	Lerner et al	
LR	144	US- 6,221,341	04/24/2001	Montgomery	

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Sheet 9 of 12

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Application Number 10/717,226  
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First Named Inventor KIM et al  
Art Unit 1614  
Examiner Name  
Attorney Docket Number 39894-00601

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LR	145	US- 6,241,973	06/05/2001	Rinne	
	146	US- 6,274,122	08/14/2001	McLaughlin	
	147	US- 6,277,458	08/21/2001	Dirksing et al	
	148	US- 6,280,708	08/28/2001	Ryles et al	
	149	US- 6,284,152	09/04/2001	Kross	
	150	US- 6,290,934	09/18/2001	Kramer et al	
	151	US- 6,290,935	09/18/2001	Masters et al	
	152	US- 6,306,370	10/23/2001	Jensen et al	
	153	US- 6,309,622	10/30/2001	Watkins	
	154	US- 6,309,625	10/30/2001	Jensen et al	
	155	US- 6,312,666	11/06/2001	Oxman et al	
	156	US- 6,312,670	11/06/2001	Montgomery	
	157	US- 6,312,671	11/06/2001	Jensen et al	
	158	US- 6,319,510	11/20/2001	Yates	
	159	US- 6,322,773	11/27/2001	Montgomery	
✓	160	US- 6,322,774	11/27/2001	Jensen et al	
	161	US- 6,325,997	12/04/2001	Christopf	
LR	162	US- 6,331,291	12/18/2001	Glance et al	

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Filing Date	11/19/2003
First Named Inventor	KIM et al
Art Unit	1614
Examiner Name	
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LR	163	US- 6,331,292	12/18/2001	Montgomery	
	164	US- 6,342,206	01/29/2002	Gopalkrishnan et al	
	165	US- 6,348,187	02/19/2002	Pan et al	
	166	US- 6,350,437	02/26/2002	Pasetti et al	
	167	US- 6,350,438	02/26/2002	Witt et al	
	168	US- 6,365,134	04/02/2002	Orlowski et al	
	169	US- 6,368,576	04/09/2002	Jensen et al	
	170	US- 6,375,933	04/23/2002	Subramanyam et al	
	171	US- 6,379,653	04/30/2002	Aaslyng et al	
	172	US- 6,391,283	05/21/2002	Jensen et al	
	173	US- 6,391,286	05/21/2002	Mitra et al	
	174	US- 6,403,060	06/11/2002	Bornstein et al	
	175	US- 6,409,992	06/25/2002	Kleinberg et al	
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	177	US- 6,409,994	06/25/2002	Dahlin	
	178	US- 6,413,502	07/02/2002	Bornstein et al	
	179	US- 6,419,902	07/16/2002	Wright	
LR	180	US- 6,419,905	07/16/2002	Alvarez Hernandez	

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LR	181	US- 6,419,906	07/16/2002	Xu et al	
	182	US- 6,423,300	07/23/2002	Kleinberg et al	
	183	US- 6,435,873	08/20/2002	Burgio	
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	193	US- 6,485,709	11/26/2002	Banerjee et al	
	194	US- 6,488,913	12/03/2002	Orlowski et al	
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	197	US- 6,503,485	01/07/2003	Allred	
LR	198	US- 6,503,486	01/07/2003	Xu et al	

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LR	199	US- 6,509,007	01/21/2003	Rajaiah et al	
	200	US- 6,514,483	02/04/2003	Xu et al	
	201	US- 6,514,484	02/04/2003	Rajaiah et al	
	202	US- 6,517,350	02/11/2003	Diasti et al	
	203	US- 2002-081555	06/27/2002	Weisel	
		US- 6,682,721	5/1/2003	Kim et al.	
LR		US- 6,689,344	7/17/2003	Chang et al.	
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Sheet	1	of	1	Attorney Docket Number	39894-00601
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Examiner Signature	/Lezah Roberts/	Date Considered	04/24/2006
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PTO/SB/088 (07-05)

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Substitute for form 1448/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/717,228
		Filing Date	November 19, 2003
		First Named Inventor	KIM
		Art Unit	3732
		Examiner Name	KRASS
Sheet 2	of 2	Attorney Docket Number	39894-00601

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
LR		Supplementary European Search Report for EP 01 90 6382, (corresponding EP application for parent application PCT/KR01/00207	

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if Known**

Application Number	10/717,226
Filing Date	November 19, 2003
First Named Inventor	KIM et al
Art Unit	1614
Examiner Name	
Attorney Docket Number	39894-00601

Sheet 1 of 1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	xT <sup>2</sup>
LR	1	KIM, et al., US Patent Application No. 10/445,589 entitled Patches for Whitening Teeth, 48 pp.	
LR	2	CHANG, et al., US Patent Application No. 10/177,689 entitled "Multi-Layer Patches for Teeth Whitening, 89 pp.	
LR	3	CHALYKH, et al., FRACTURE MECHANICS OF POLY(N-VINYL PYRROLIDONE) POLY(ETHYLENE GLYCL) HYDROGEL ADHESIVE JOINTS, Polym. Mater. Sci. Eng., Vol. 81, 1999, pages 427-428	

Examiner  
Signature

/Lezah Roberts/

Date  
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04/24/2006

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